MAGTF Fires OAG

Briefing to CEAB

December 3, 2003

Nov '03 MAGTF Fires OAG Issues

- Action Items [CEAB]
  - **14th Marines as a Force Artillery**
  - **C4I Interoperability**
    - **Cascading effect**
    - **Interoperability**

- Concerns [Working]
  - **Training Issues** [Intro & Sustainment]
  - **NAT IPT** [II MEF]
  - **ANGLICO** [I MEF]
  - **Sensor to Shooter Timeliness**
  - **HIMARS** [ensure adequate training/procurement of munitions]
  - **Airborne Counter Fire Sensor** [size, where]
  - **ATO Cycle** [III MEF]
  - **EFTC** [ID requirements for training: I MEF]
  - **TACAIR Integration** [I MEF]
  - **Intelligence Gathering** [I MEF]

Force Artillery Capability

- Item: Develop a Force Artillery (FA) capability for the Marine Corps.

- Discussion: 14th Marines is available for tasking and able, with structure modifications, to provide support to a MAGTF with organic and attached cannon/rocket artillery units not assigned to the GCE, in order to give the commander artillery support for deep “shaping” fires, close reinforcing fires and coordinated counter fires.

Force Artillery Capability

Discussion (Cont):

- 14th Marines, as a FA Regiment, has been tethered to two (2) MTW Operation Plans.
- There is a need for FA based on threat artillery capabilities and advent of multi-division MEF (CMEF)
- FA capability has been the marquee presentation of the MAGTF Fires OAG for the past 2 years. The Marine Corps has already determined it needs a FA capability. The Marine Corps now needs to take the next step and resource 14th Marine Regiment to fulfill this requirement. Making the decision at this juncture allows the Marine Corps to support existing OPlans that include 14th Marines as FA.

Force Artillery Capability

- Recommendations:
  - Accept proposed FA Mission statement
  - Source Regimental HQ T/O&E Changes
    - Requires Marine Corps to source:
      - (3) Active Duty billets
      - (1) Active Reserve Rank/MOS change
      - (1) Active Duty Rank/MOS change

C4I Architecture and Interoperability

- Item: MAGTF Fires C4I software version control.
- Discussion: MAGTF Fires relies on 3 distinct systems of record to plan/execute fires: AFATDS, TBMCS and IOS, as well as emerging systems. The first two systems are under sister service cognizance. IOS is a USMC system. Each time one system changes software, it causes a cascading effect on the interoperability of the other systems. Systems have issued software changes several times in one year.
- Recommendation: MCCDC/MCSC should enforce tighter software version control across the three systems of record.

C4I Architecture and Interoperability

- Item: The primary Fires C4I systems (AFATDS, TBMCS, IOS) must be sufficiently interoperable in order to execute digital Command & Control IAW doctrine & TTPs.
- Discussion:
  - The MAGTF Fires OAG defines interoperability as "being able to pass information that is meaningful to other systems and usable by the operator in a period of time that supports operations and will not degrade the operations of other systems".
  - Each Fires system is capable of executing a list of functions that are defined by narrowly written systems requirements. They cannot, however, adequately exchange data to perform the broader C2 functions and processes mapped from doctrine and TTP.

C4I Architecture and Interoperability

Recommendation:

- MCCDC must advocate immediate revisions to the requirements of C4I systems & applications that relate to Fires functions IOT meet the requirements of interoperability. Emerging systems like ADOCS must continue to facilitate interoperability. Next generation C4I systems must fully meet these needs.

Questions ?

MAGTF Fires OAG

www.iiimef.usmc.smil.mil/G3/Force Fires/MAGTF Fire